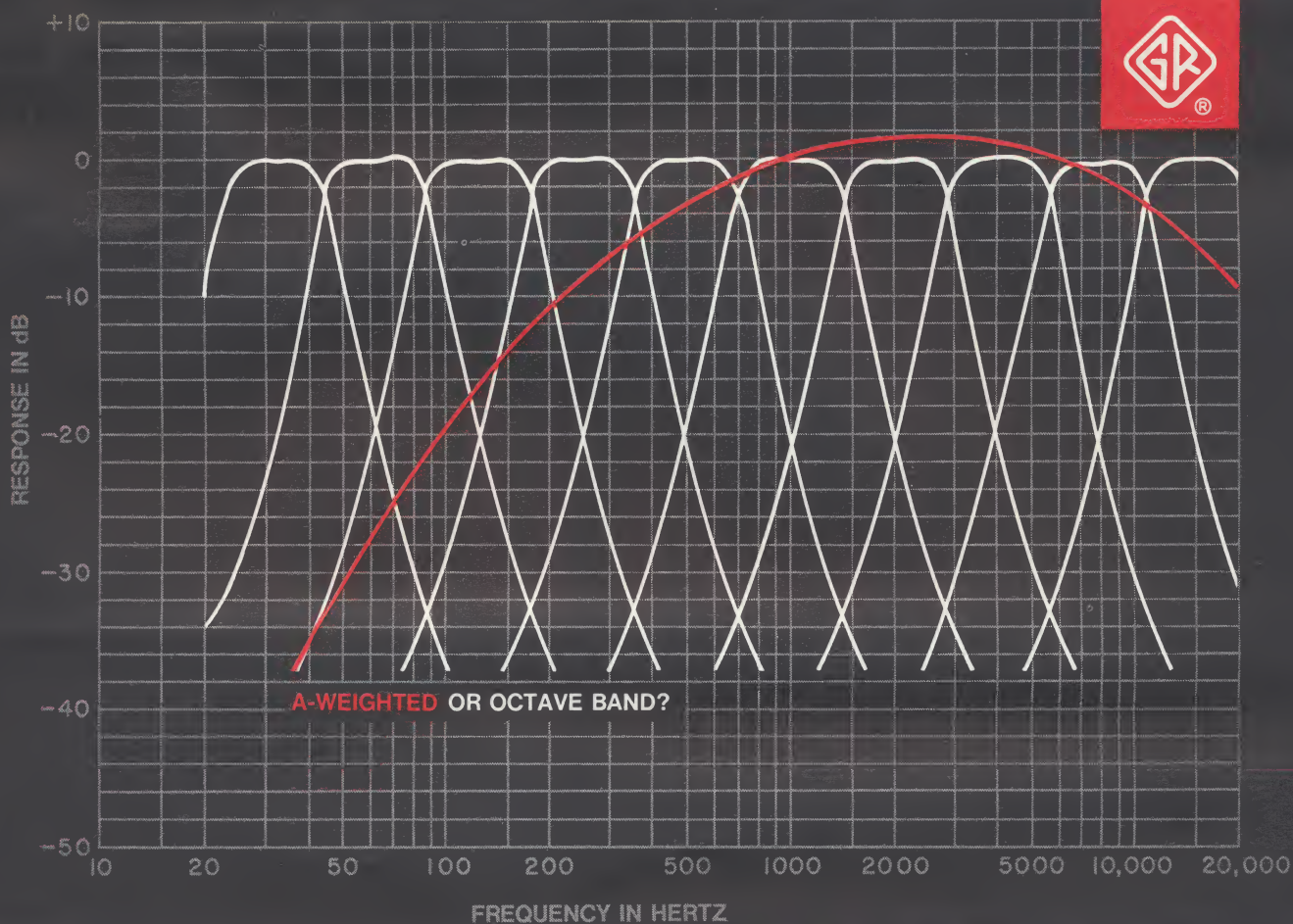




RATE NOISE BOTH WAYS

GR's new Type 1558-BP Octave-Band Noise Analyzer makes both octave-band and A-weighted sound-level measurements in accordance with the latest standards of USASI, ASHRAE, AMCA and other organizations.

To make a "one-number" A-weighted sound-level measurement, simply rotate the band switch to its "A" position and the 1558-BP functions as a sound-level meter. Rotate this same switch successively to each of its ten octave-band positions and the instrument functions as an octave-band analyzer.

The 1558-BP is fully transistorized, has fast or slow meter response, built-in amplitude calibration system, weighs less than 9 pounds, and is available in both portable and rack-adapted models. Its accessory microphone and preamplifier adapt the 1558-BP to just about any noise problem.

For complete information, write General Radio Company, 22 Baker Avenue, W. Concord, Massachusetts 01781; telephone (617) 369-4400; TWX: 710 347-1051.

GENERAL RADIO



Type 1558-BP Octave-Band Noise Analyzer (\$910) shown with optional microphone and preamplifier.

A QUICK REFERENCE TO ACOUSTICAL INSTRUMENTATION FROM GENERAL RADIO

BROADBAND METERS – for measurement of over-all levels and “one-number” rating in accordance with standards.

TYPE 1565-A

SOUND-LEVEL METER . . . pocket-size, lightweight, easy to operate, meets USA standards.

TYPE 1551-C

SOUND-LEVEL METER . . . more accurate and versatile than 1565-A; accepts many accessories to fit a host of measurement needs; also meets USA standards.

TYPE 1553-A,
-AK

VIBRATION METERS . . . measure all vibration characteristics directly in English or Metric units.

OCTAVE-BAND ANALYZERS – most popular for noise ratings and comparisons

TYPE 1558-A

OCTAVE-BAND ANALYZER . . . meets USA Z24.10 1953 for octave-band filters; portable, battery-operated, self-contained.

TYPE 1558-BP

OCTAVE-BAND ANALYZER . . . contains “A” sound-level weighting and octave filters (USA S1.6 1960) to meet the more recent noise standards and ordinances; otherwise identical to 1558-A.

1/3- and 1/10-OCTAVE BAND ANALYZER – for more detailed noise ratings, frequency analysis, and design work.

TYPE 1564-A

SOUND AND VIBRATION ANALYZER . . . one bandwidth for 1/3-octave standards, another for frequency-component studies; also offered in assembly with graphic-level recorder (see below).

NARROWBAND ANALYZERS – for the study of complex signals with closely-spaced frequency components.

TYPE 1568-A

1% BANDWIDTH WAVE ANALYZER . . . 20-20,000 Hz with extremely high selectivity; portable and battery-operated.

TYPE 1900-A

WAVE ANALYZER . . . 20-54,000 Hz; three bandwidths: 3 Hz, 10 Hz, and 50 Hz for optimum measurement speed versus selectivity; also available in assembly with recorder (see below).

AUTOMATIC RECORDING ANALYZERS – automatic sweeping and recording for a wide variety of applications.

TYPE 1521-B

GRAPHIC-LEVEL RECORDER . . . features interchangeable full-scale level ranges, variety of writing and chart speeds, and synchronization with analyzers.

TYPE 1910-A

RECORDING WAVE ANALYZER . . . combines 1900-A with 1521-B Recorder.

TYPE 1911-A

RECORDING SOUND AND VIBRATION ANALYZER . . . combines 1564-A with 1521-B Recorder.

AUTOMATIC FREQUENCY-RESPONSE ASSEMBLY

TYPE 1350-A

GENERATOR-ASSEMBLY . . . straightforward system for frequency-response measurement in the laboratory or for production testing. Combines Type 1304-B Beat-Frequency Audio Generator with 1521-B Recorder. Automatically plots frequency response from 20-20,000 Hz.

THE STROBOTAC FOR VISUAL ANALYSIS – “freeze” moving objects for observation under dynamic conditions.

A complete line of stroboscopes and accessories, from individual light sources to self-contained electronic tachometers. All provide high-intensity, short-duration light flashes to make the finest details clearly visible to the unaided eye.

IMPACT-NOISE ANALYZER – “captures” short-duration impulses produced by blasts or other impacts.

TYPE 1556-B

IMPACT-NOISE ANALYZER . . . “holds” readings of other instruments (1551-C Sound-Level Meter, 1553 Vibration Meters, etc) to allow short-duration signals to be read on a meter; reads “peak” and “time average” values.

PRECISION TAPE RECORDER – the first tape recorder specifically designed for acoustics work.

TYPE 1525-A

DATA RECORDER . . . precise, calibrated recording for faithful reproduction of acoustical signals. A “must” for detailed analysis when the analyzer can’t be used directly; has two channels, built-in sound-level metering and weighting networks.

CALIBRATORS – ensure peak operation of transducers, instruments and systems.

TYPE 1562-A

SOUND-LEVEL CALIBRATOR . . . precision coupler and oscillator in a single package; fits directly on microphone; calibrated test frequencies of 125, 250, 500, 1000, and 2000 Hz.

TYPE 1559-B

MICROPHONE RECIPROCITY CALIBRATOR . . . primary calibration of all types of standard microphones; includes precision coupler, circuitry, and simple analog computer for accurate reciprocity calibrations without calculations.

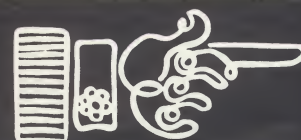
TYPE 1557-A

VIBRATION CALIBRATOR . . . compact, precision shaker for accurate calibration of vibration pickups, meters, and systems.

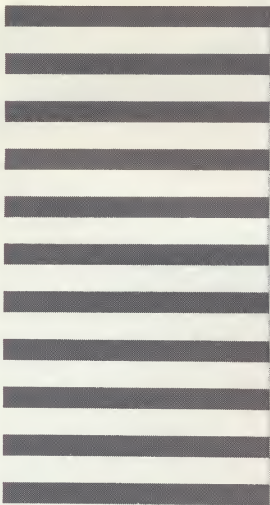
PLUS: a variety of accessories including:

microphones, vibration pickups, preamplifiers, earphone couplers, oscillators and attenuators.

For detailed information on these, or other GR products, fill out and return the prepaid card on the facing page, or write to General Radio Company, 22 Baker Avenue, West Concord, Massachusetts 01781.



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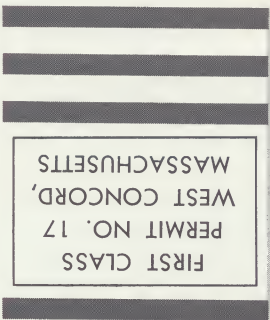
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- ☐ The Type 1558-BP Octave-Band Analyzer
- ☐ The entire line of GR sound and vibration instruments
- ☐ The GR Type(s): _____
- ☐ Formal price/delivery quotation for: _____

My particular sound and vibration problem is: _____

- ☐ Which GR instruments can help me?
- ☐ Have a GR engineer call to advise me.

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